Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE092115\
Data File : BE090924.D
Acq On : 21 Sep 2015 18:37
Operator : UM/IZ
Sample : G3745-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : 091815-D534-E-U-S

Quant Time: Sep 22 00:42:37 2015
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE091815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 18 18:17:34 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	27641	5.00	ng	0.00
7) Naphthalene-d8	10.31	136	117157	5.00	ng	0.00
13) Acenaphthene-d10	14.17	164	61528	5.00	ng	0.00
19) Phenanthrene-d10	16.91	188	152532	5.00	ng	0.00
26) Chrysene-d12	21.07	240	203601	5.00	ng	0.00
33) Perylene-d12	23.35	264	185532	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.18	112	16323	2.61	ng	0.00
5) Phenol-d6	6.78	99	11283	1.31	ng	0.03
8) Nitrobenzene-d5	8.71	82	27562	3.41	ng	0.00
14) 2,4,6-Tribromophenol	15.67	330	13592	6.26	ng	-0.02
15) 2-Fluorobiphenyl	12.80	172	64778	3.71	ng	0.00
28) Terphenyl-d14	19.52	244	136520	5.94	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.22	88	26	Below Cal	#	71
3) n-Nitrosodimethylamine	3.47	42	22	Below Cal	#	1
6) bis(2-Chloroethyl)ether	6.97	93	14	Below Cal	#	16
10) Naphthalene	10.35	128	216	Below Cal	#	2
11) Hexachlorobutadiene	10.62	225	4	Below Cal	#	1
18) Fluorene	15.24	166	96	Below Cal	#	35
21) Hexachlorobenzene	16.23	284	54	Below Cal	#	1
22) Pentachlorophenol	16.56	266	8	0.18	ng #	56
23) Phenanthrene	16.94	178	697	Below Cal	#	73
30) Chrysene	21.10	228	463	Below Cal	#	62
31) Bis(2-ethylhexyl)phthalate	20.99	149	3646	0.32	ng	99

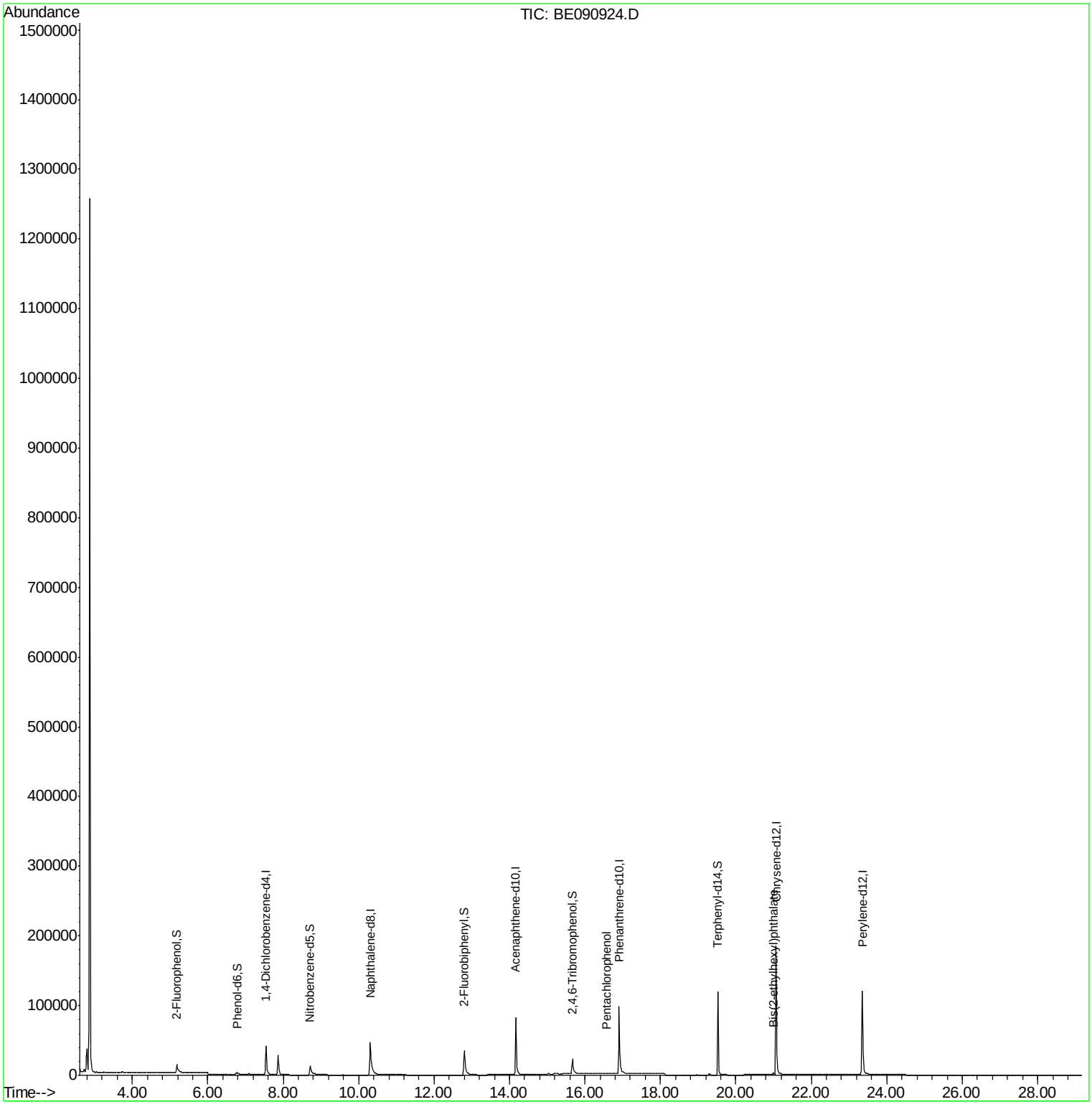
(#) = qualifier out of range (m) = manual integration (+) = signals summed

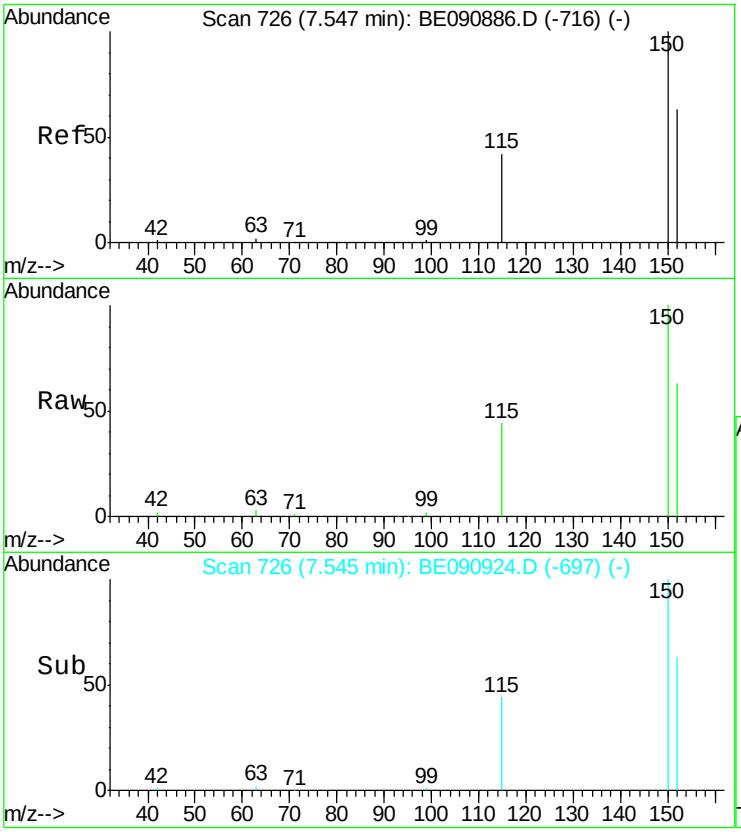
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE092115\
Data File : BE090924.D
Acq On : 21 Sep 2015 18:37
Operator : UM/IZ
Sample : G3745-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
091815-D534-E-U-S

Quant Time: Sep 22 00:42:37 2015
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE091815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 18 18:17:34 2015
Response via : Initial Calibration



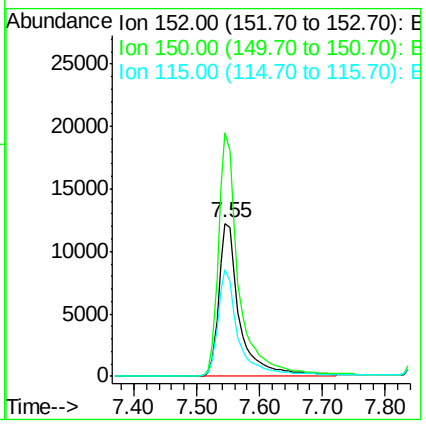


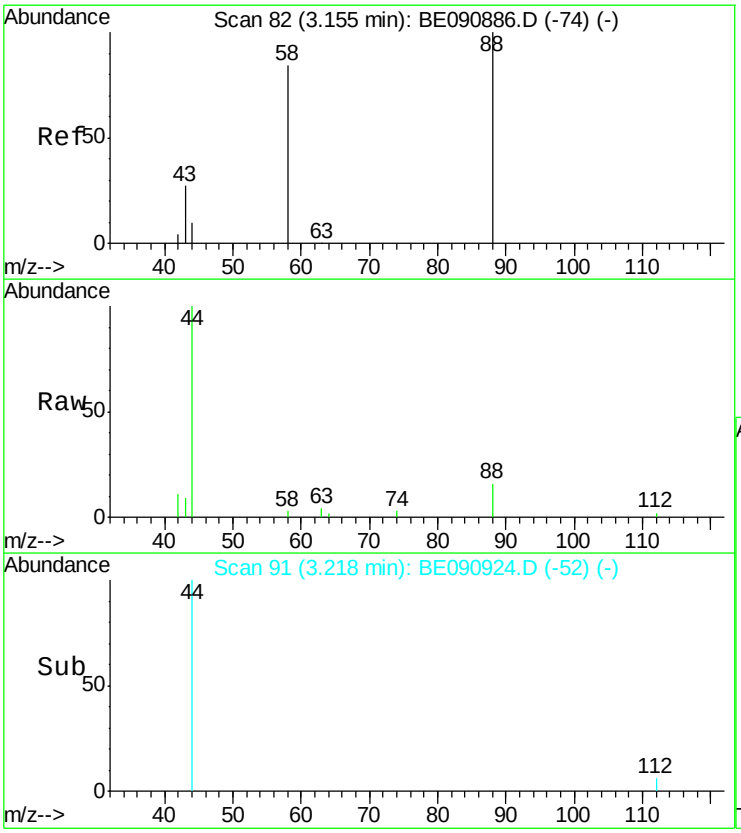
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.55 min Scan# 726
Delta R.T. -0.00 min
Lab File: BE090924.D
Acq: 21 Sep 2015 18:37

Instrument :
BNA_E
ClientSampleId :
091815-D534-E-U-S

Tgt Ion:152 Resp: 27641

Ion	Ratio	Lower	Upper
152	100		
150	159.3	122.2	183.4
115	69.8	51.0	76.4

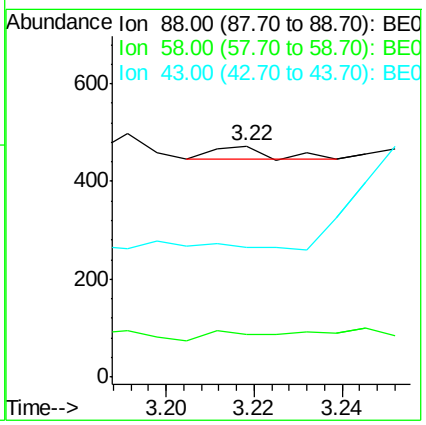


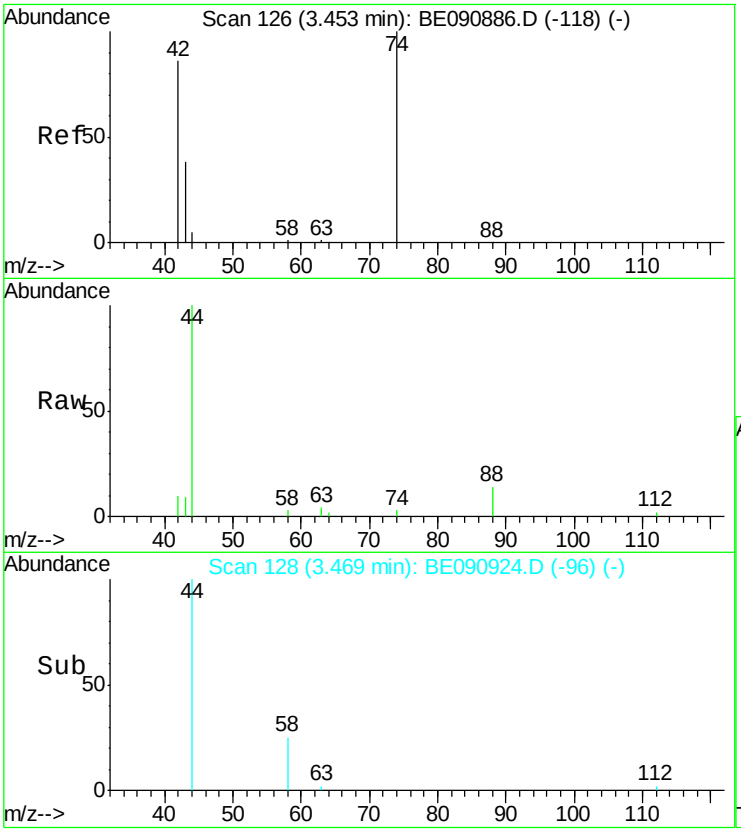


#2
1,4-Dioxane
Concen: Below Cal
RT: 3.22 min Scan# 91
Delta R.T. 0.06 min
Lab File: BE090924.D
Acq: 21 Sep 2015 18:37

Tgt Ion: 88 Resp: 26

Ion	Ratio	Lower	Upper
88	100		
58	69.2	68.4	102.6
43	0.0	26.9	40.3#



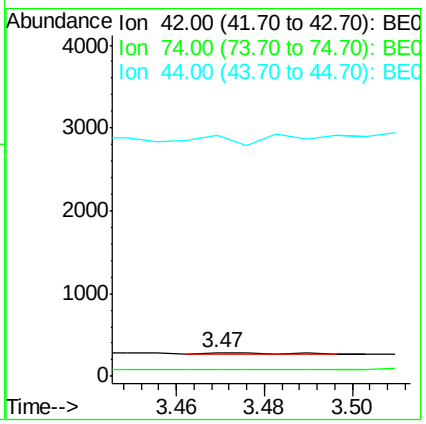


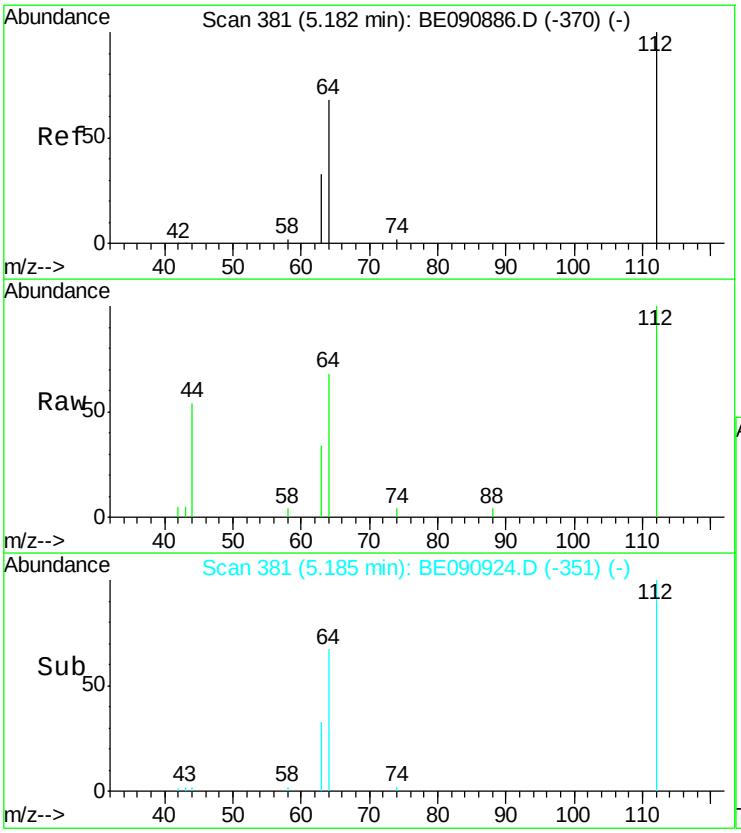
#3
n-Nitrosodimethylamine
Concen: Below Cal
RT: 3.47 min Scan# 128
Delta R.T. 0.02 min
Lab File: BE090924.D
Acq: 21 Sep 2015 18:37

Instrument :
BNA_E
ClientSampleId :
091815-D534-E-U-S

Tgt Ion: 42 Resp: 22

Ion	Ratio	Lower	Upper
42	100		
74	40.9	83.7	125.5#
44	227.3	10.0	15.0#

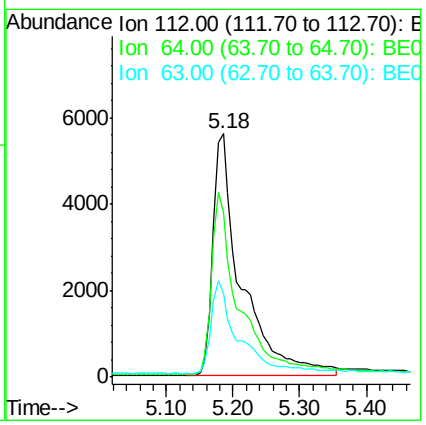


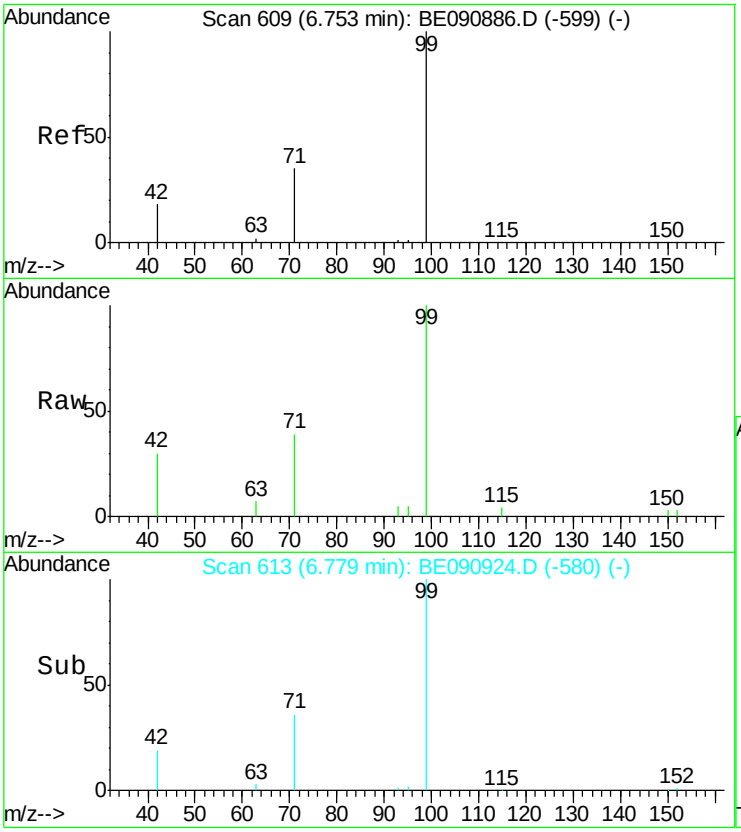


#4
2-Fluorophenol
Concen: 2.61 ng
RT: 5.18 min Scan# 381
Delta R.T. 0.00 min
Lab File: BE090924.D
Acq: 21 Sep 2015 18:37

Tgt Ion:112 Resp: 16323

Ion	Ratio	Lower	Upper
112	100		
64	72.8	57.3	85.9
63	37.6	29.2	43.8



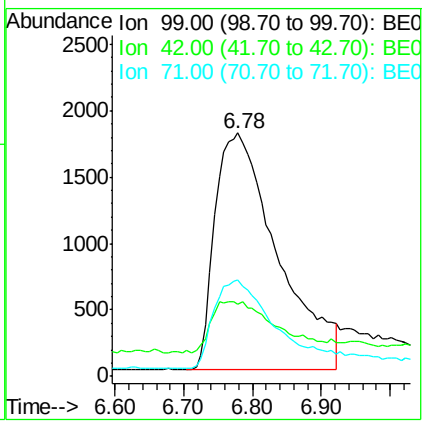


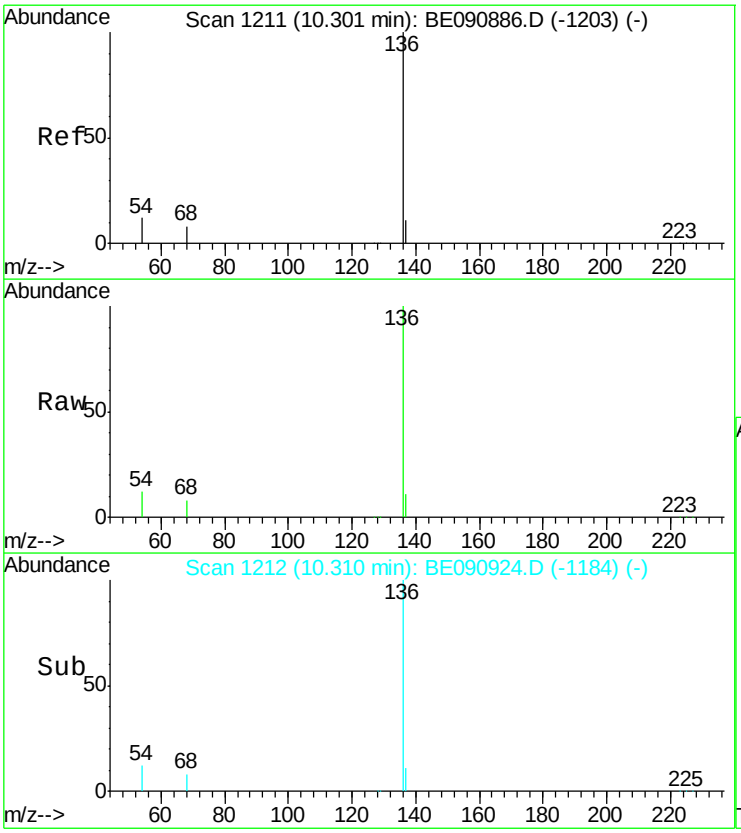
#5
Phenol-d6
Concen: 1.31 ng
RT: 6.78 min Scan# 613
Delta R.T. 0.03 min
Lab File: BE090924.D
Acq: 21 Sep 2015 18:37

Instrument :
BNA_E
ClientSampleId :
091815-D534-E-U-S

Tgt Ion: 99 Resp: 11283

Ion	Ratio	Lower	Upper
99	100		
42	23.0	16.8	25.2
71	36.9	28.3	42.5

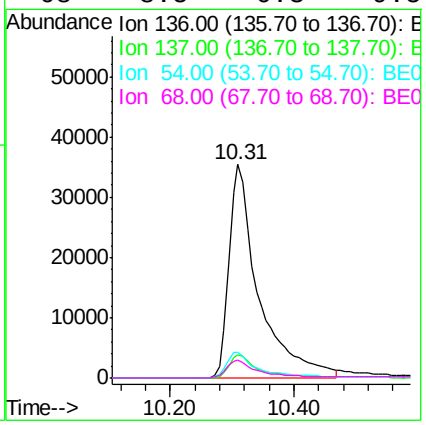


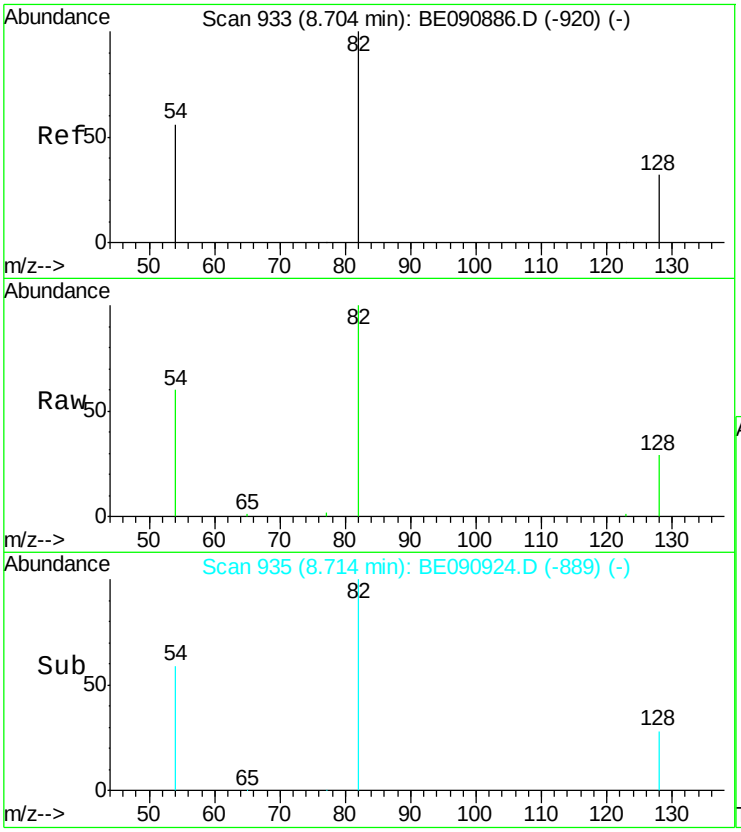


#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.31 min Scan# 1212
Delta R.T. 0.01 min
Lab File: BE090924.D
Acq: 21 Sep 2015 18:37

Tgt Ion:136 Resp: 117157

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	11.8	9.0	13.6
68	8.5	6.3	9.5



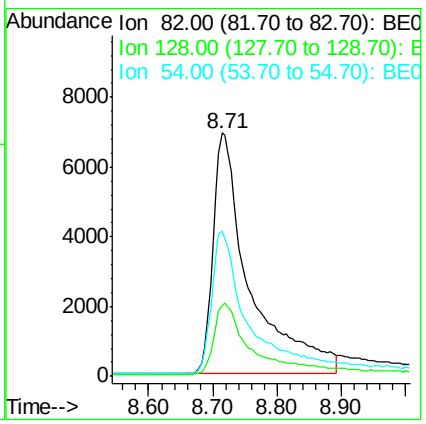


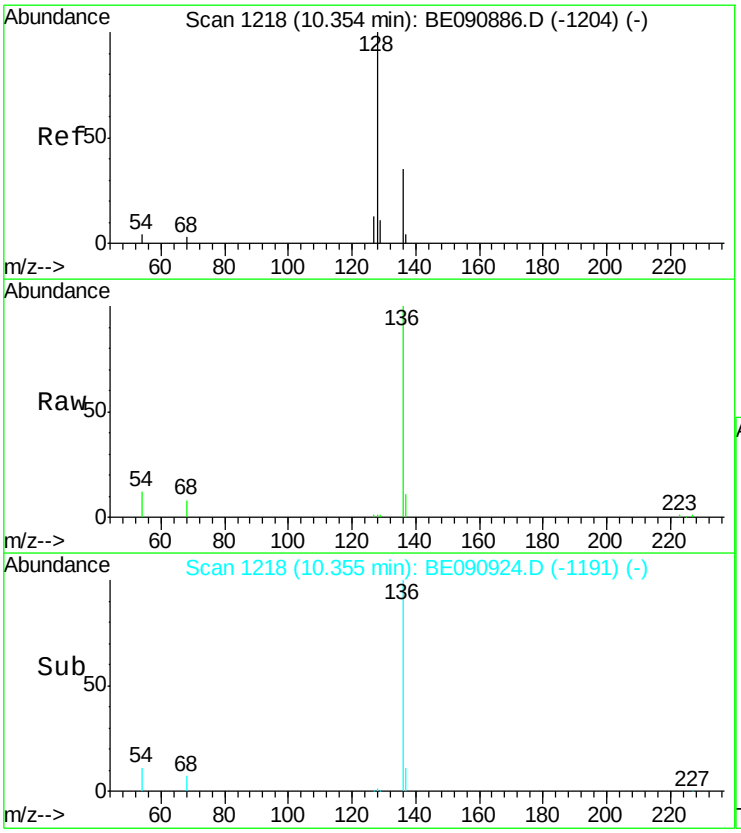
#8
Nitrobenzene-d5
Concen: 3.41 ng
RT: 8.71 min Scan# 935
Delta R.T. 0.01 min
Lab File: BE090924.D
Acq: 21 Sep 2015 18:37

Instrument :
BNA_E
ClientSampleId :
091815-D534-E-U-S

Tgt Ion: 82 Resp: 27562

Ion	Ratio	Lower	Upper
82	100		
128	28.9	25.0	37.4
54	59.7	46.3	69.5

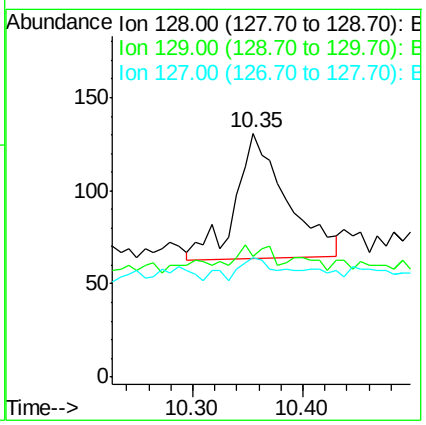


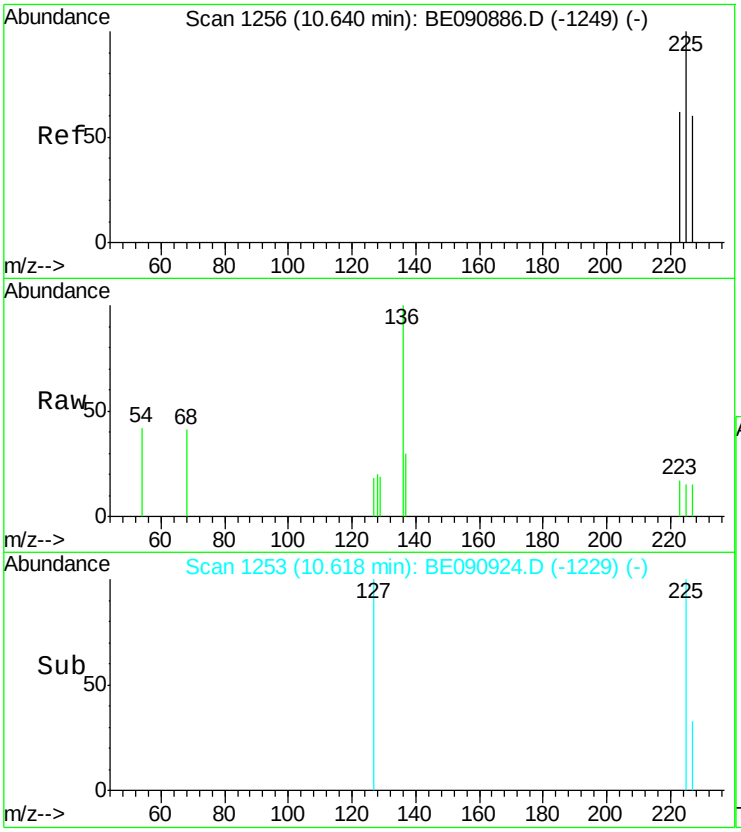


#10
Naphthalene
Concen: Below Cal
RT: 10.35 min Scan# 1218
Delta R.T. 0.00 min
Lab File: BE090924.D
Acq: 21 Sep 2015 18:37

Tgt Ion:128 Resp: 216

Ion	Ratio	Lower	Upper
128	100		
129	49.6	8.4	12.6#
127	48.9	9.9	14.9#



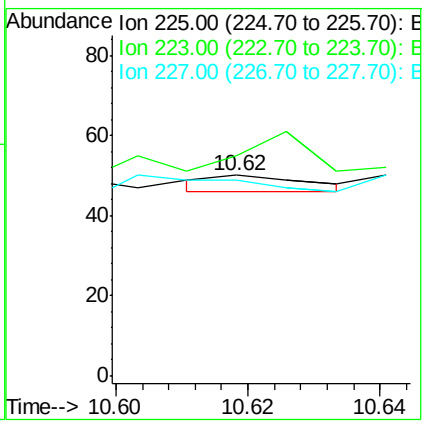


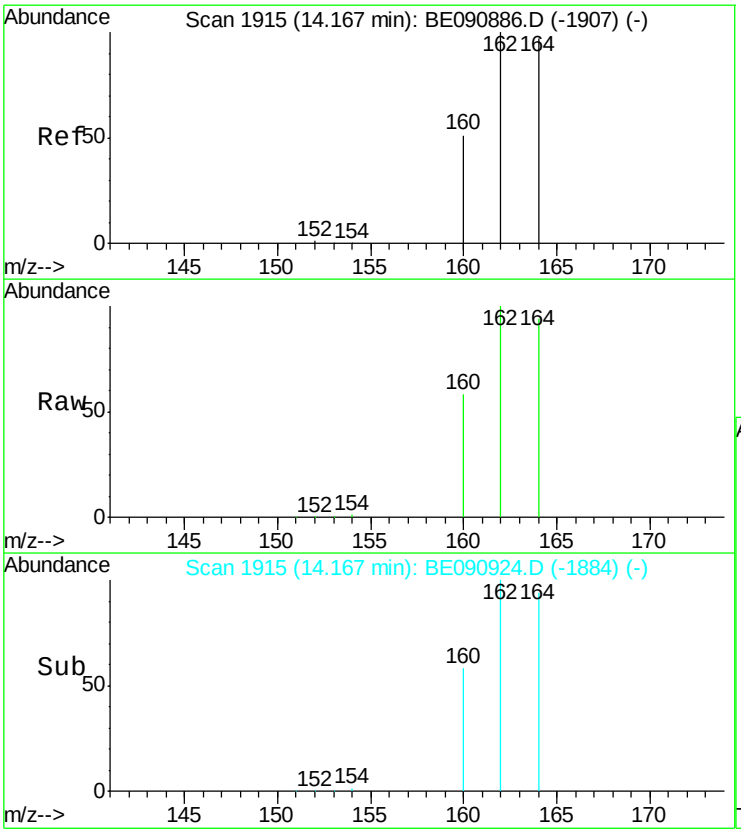
#11
Hexachlorobutadiene
Concen: Below Cal
RT: 10.62 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BE090924.D
Acq: 21 Sep 2015 18:37

Instrument :
BNA_E
ClientSampleId :
091815-D534-E-U-S

Tgt Ion:225 Resp: 4

Ion	Ratio	Lower	Upper
225	100		
223	175.0	50.6	76.0#
227	0.0	51.0	76.6#

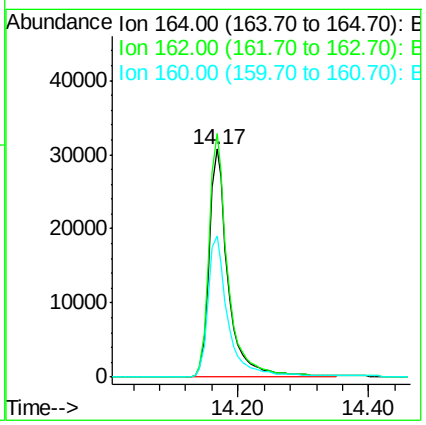


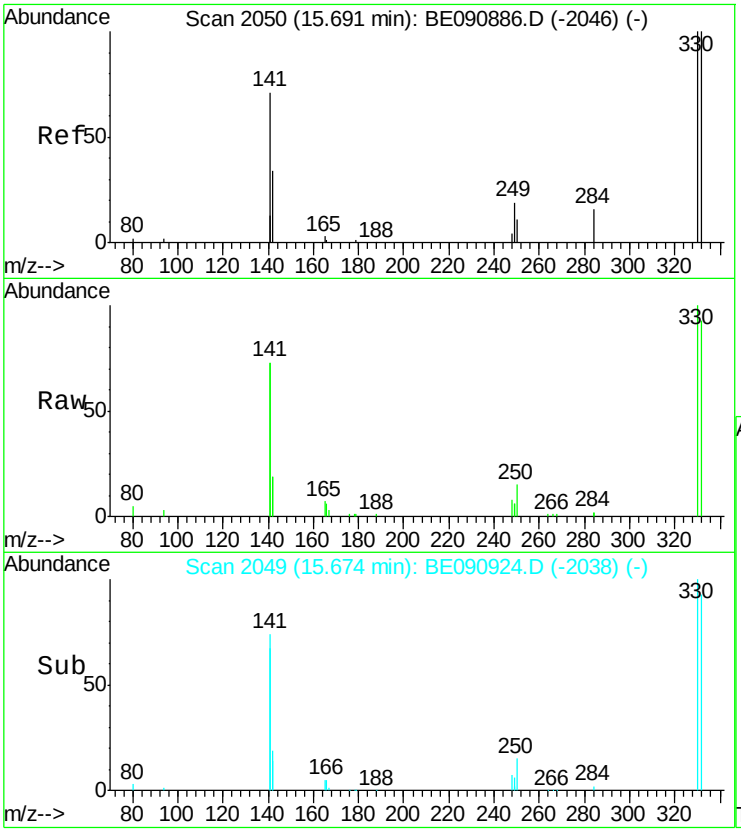


#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.17 min Scan# 1915
Delta R.T. 0.00 min
Lab File: BE090924.D
Acq: 21 Sep 2015 18:37

Tgt Ion:164 Resp: 61528

Ion	Ratio	Lower	Upper
164	100		
162	106.7	86.8	130.2
160	61.7	53.9	80.9



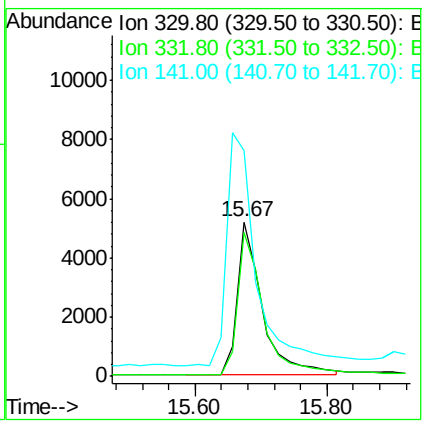


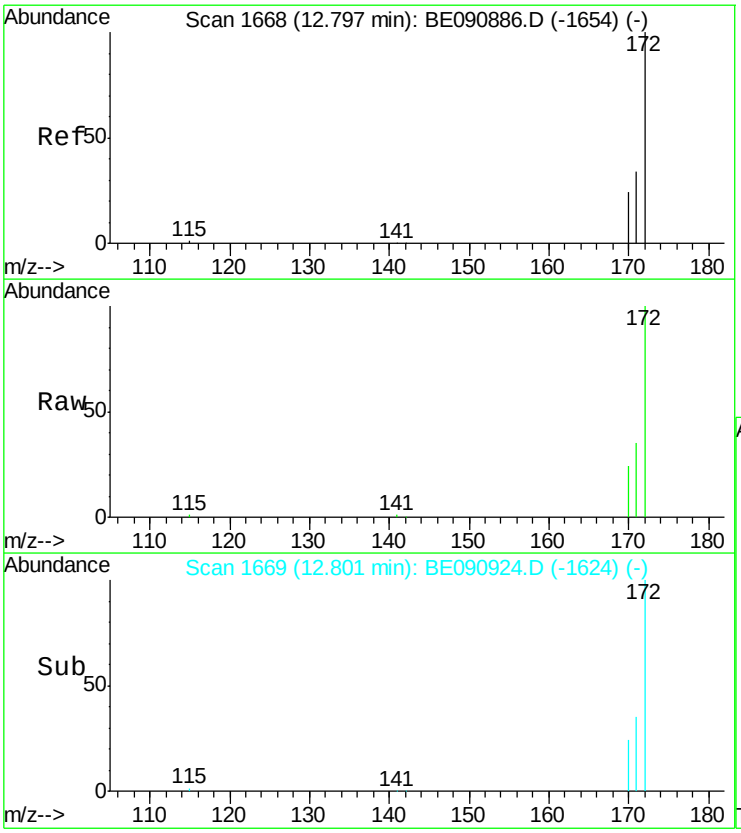
#14
2,4,6-Tribromophenol
Concen: 6.26 ng
RT: 15.67 min Scan# 2049
Delta R.T. -0.02 min
Lab File: BE090924.D
Acq: 21 Sep 2015 18:37

Instrument :
BNA_E
ClientSampleId :
091815-D534-E-U-S

Tgt Ion:330 Resp: 13592

Ion	Ratio	Lower	Upper
330	100		
332	96.3	74.9	112.3
141	179.7	145.2	217.8

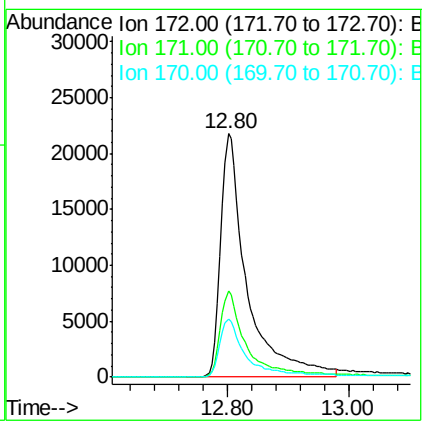


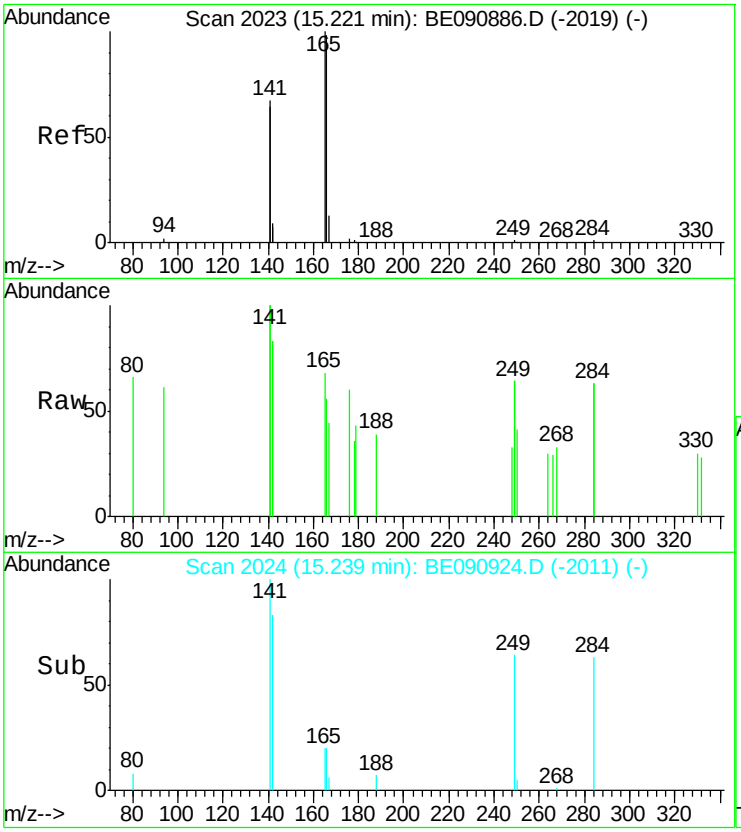


#15
2-Fluorobiphenyl
Concen: 3.71 ng
RT: 12.80 min Scan# 1669
Delta R.T. 0.00 min
Lab File: BE090924.D
Acq: 21 Sep 2015 18:37

Tgt Ion:172 Resp: 64778

Ion	Ratio	Lower	Upper
172	100		
171	35.2	27.8	41.8
170	23.8	19.8	29.6



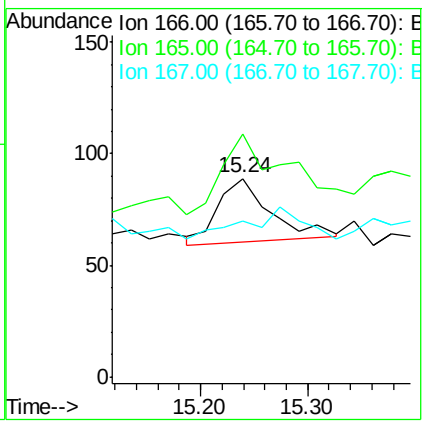


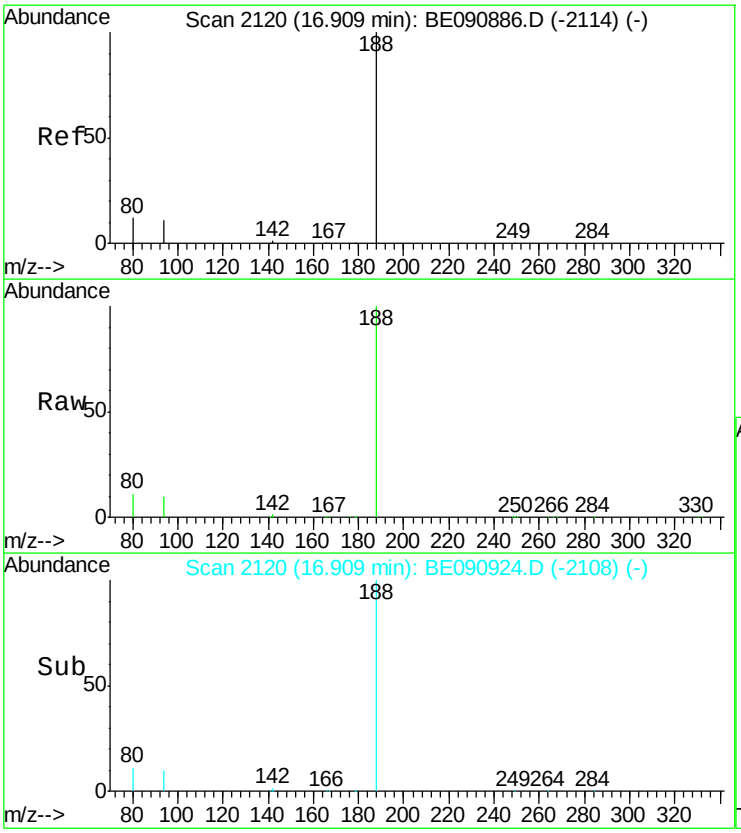
#18
Fluorene
Concen: Below Cal
RT: 15.24 min Scan# 2024
Delta R.T. 0.02 min
Lab File: BE090924.D
Acq: 21 Sep 2015 18:37

Instrument :
BNA_E
ClientSampleId :
091815-D534-E-U-S

Tgt Ion:166 Resp: 96

Ion	Ratio	Lower	Upper
166	100		
165	174.0	82.7	124.1#
167	0.0	10.7	16.1#

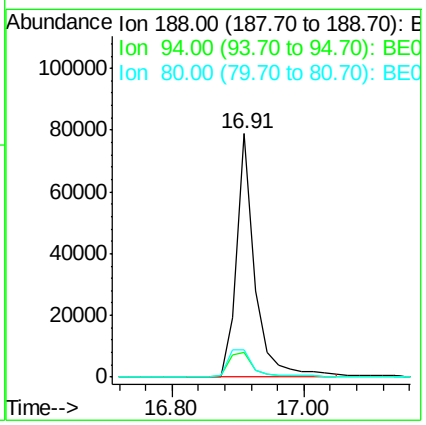


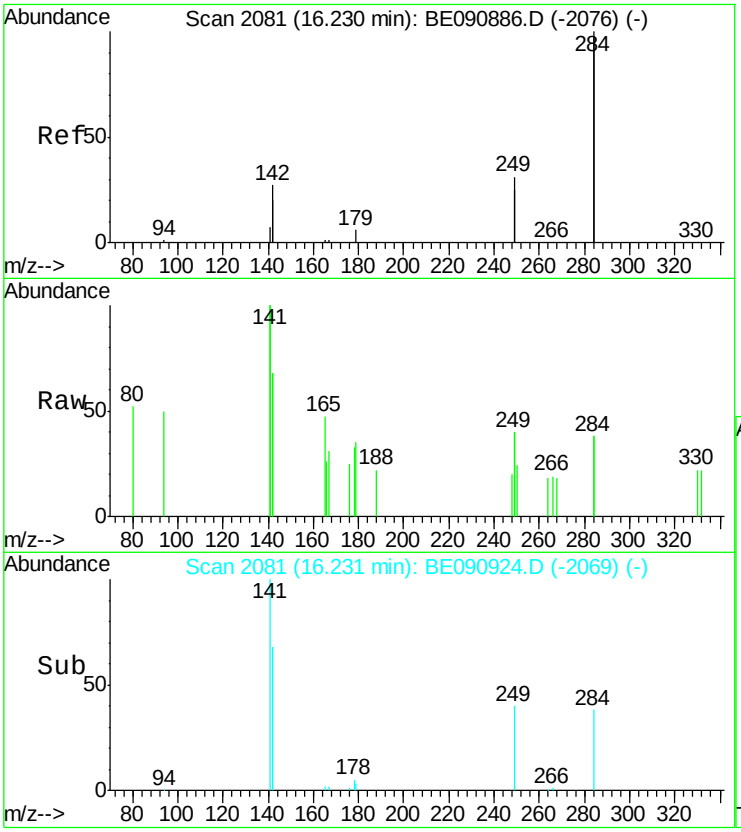


#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.91 min Scan# 2120
Delta R.T. 0.00 min
Lab File: BE090924.D
Acq: 21 Sep 2015 18:37

Tgt Ion:188 Resp: 152532

Ion	Ratio	Lower	Upper
188	100		
94	10.3	10.3	15.5#
80	11.1	11.0	16.6



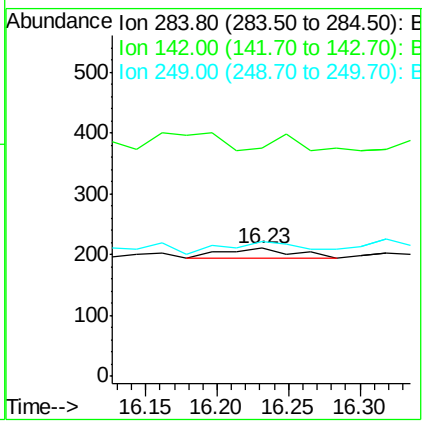


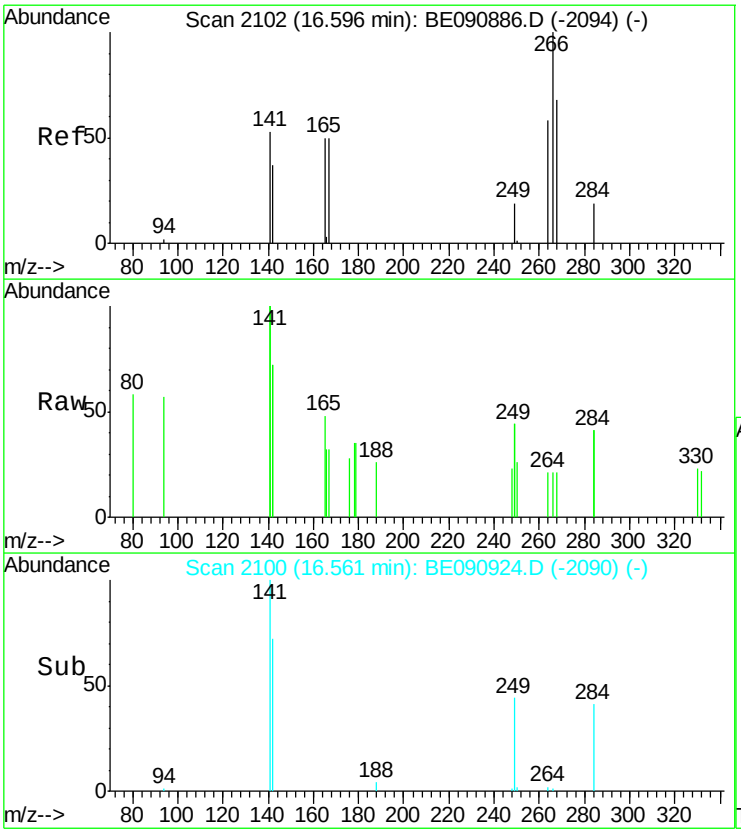
#21
Hexachlorobenzene
Concen: Below Cal
RT: 16.23 min Scan# 2081
Delta R.T. 0.00 min
Lab File: BE090924.D
Acq: 21 Sep 2015 18:37

Instrument :
BNA_E
ClientSampleId :
091815-D534-E-U-S

Tgt Ion:284 Resp: 54

Ion	Ratio	Lower	Upper
284	100		
142	0.0	35.0	52.4#
249	146.3	25.5	38.3#

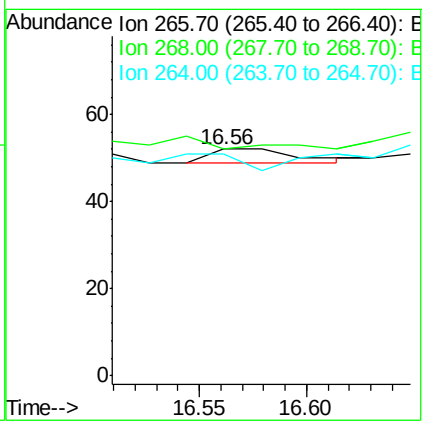


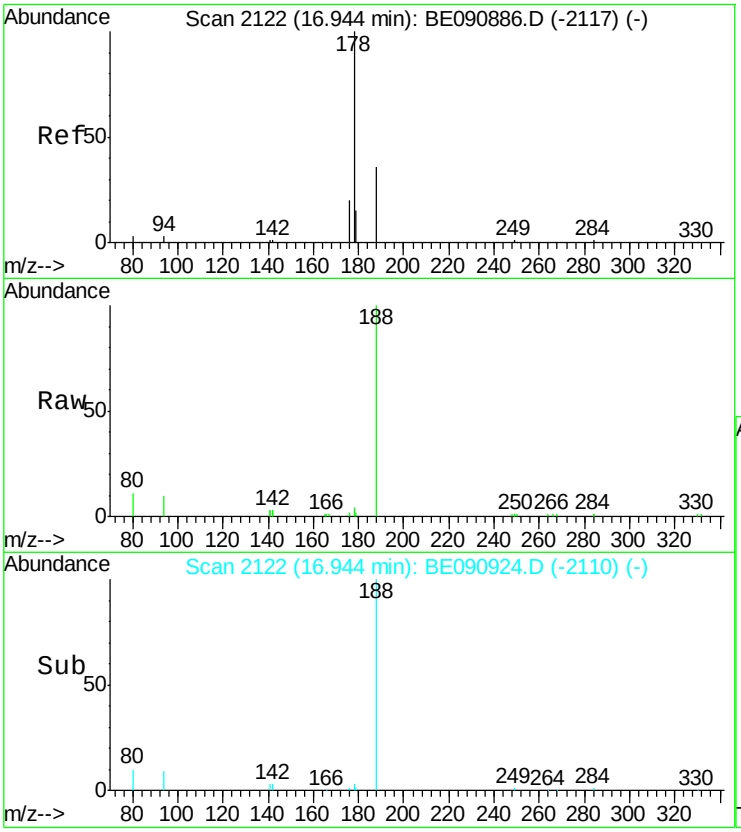


#22
Pentachlorophenol
Concen: 0.18 ng
RT: 16.56 min Scan# 2100
Delta R.T. -0.03 min
Lab File: BE090924.D
Acq: 21 Sep 2015 18:37

Tgt Ion:266 Resp: 8

Ion	Ratio	Lower	Upper
266	100		
268	100.0	49.6	74.4#
264	98.1	53.9	80.9#



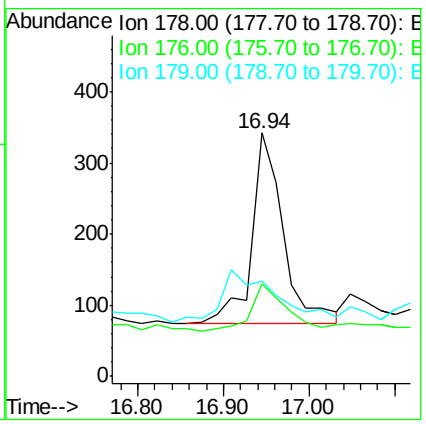


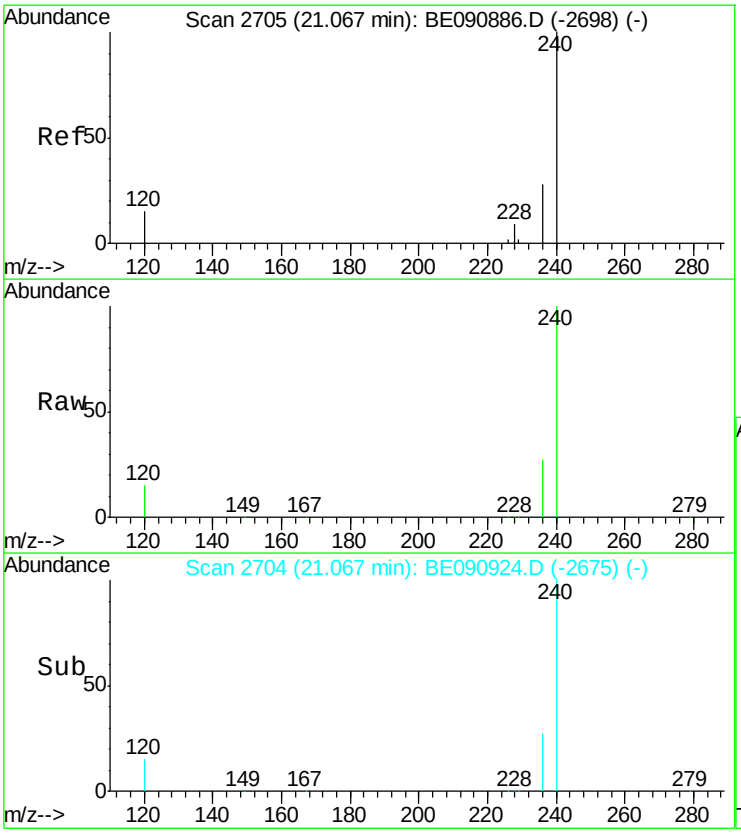
#23
Phenanthrene
Concen: Below Cal
RT: 16.94 min Scan# 2122
Delta R.T. 0.00 min
Lab File: BE090924.D
Acq: 21 Sep 2015 18:37

Instrument :
BNA_E
ClientSampleId :
091815-D534-E-U-S

Tgt Ion:178 Resp: 697

Ion	Ratio	Lower	Upper
178	100		
176	27.4	15.6	23.4#
179	0.0	12.8	19.2#

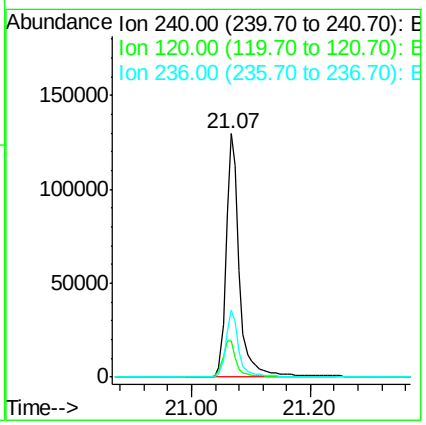


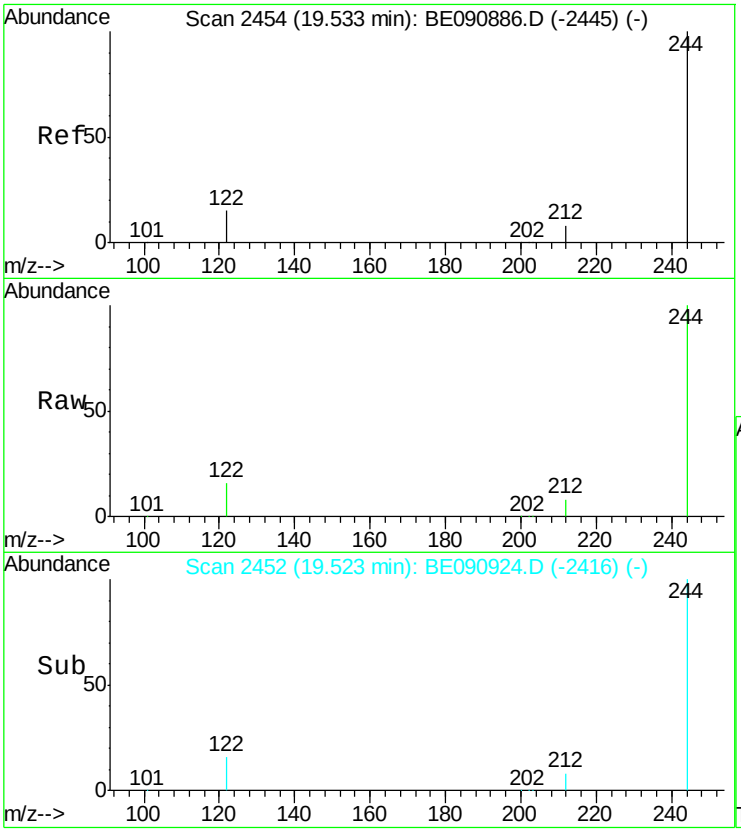


#26
Chrysene-d12
Concen: 5.00 ng
RT: 21.07 min Scan# 2704
Delta R.T. -0.00 min
Lab File: BE090924.D
Acq: 21 Sep 2015 18:37

Tgt Ion:240 Resp: 203601

Ion	Ratio	Lower	Upper
240	100		
120	14.7	10.1	15.1
236	27.4	21.9	32.9



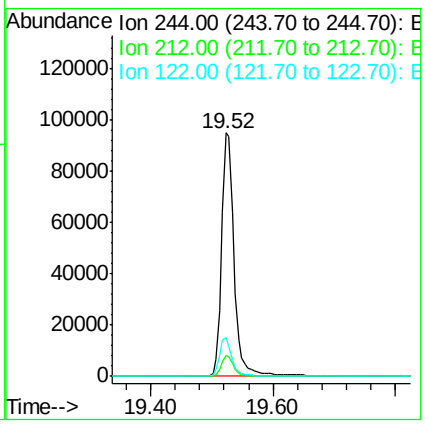


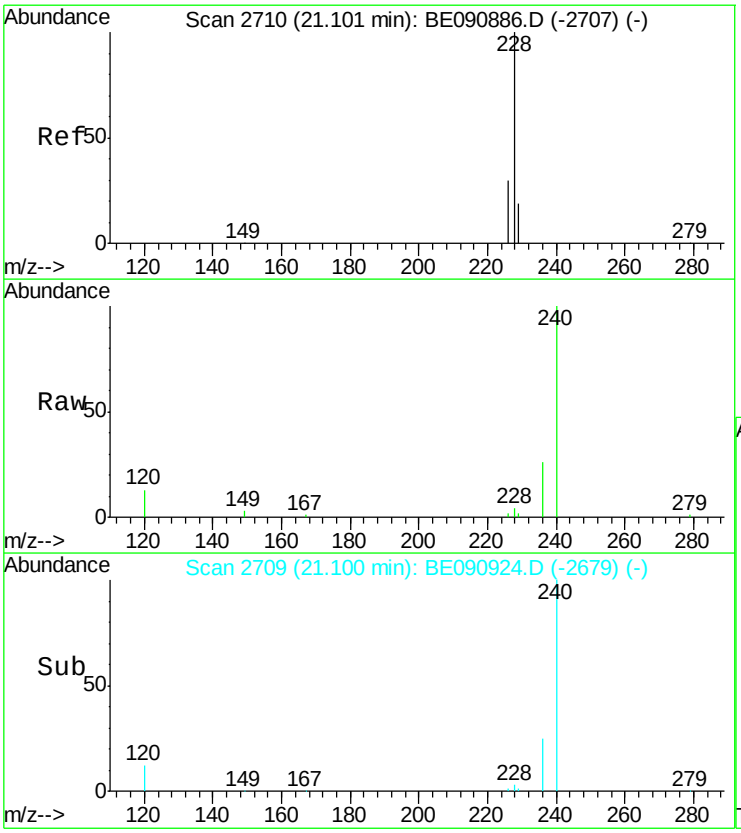
#28
Terphenyl-d14
Concen: 5.94 ng
RT: 19.52 min Scan# 2452
Delta R.T. -0.01 min
Lab File: BE090924.D
Acq: 21 Sep 2015 18:37

Instrument :
BNA_E
ClientSampleId :
091815-D534-E-U-S

Tgt Ion:244 Resp: 136520

Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.9	10.3
122	16.1	12.9	19.3

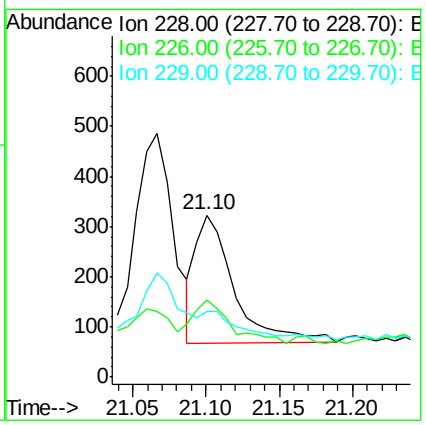


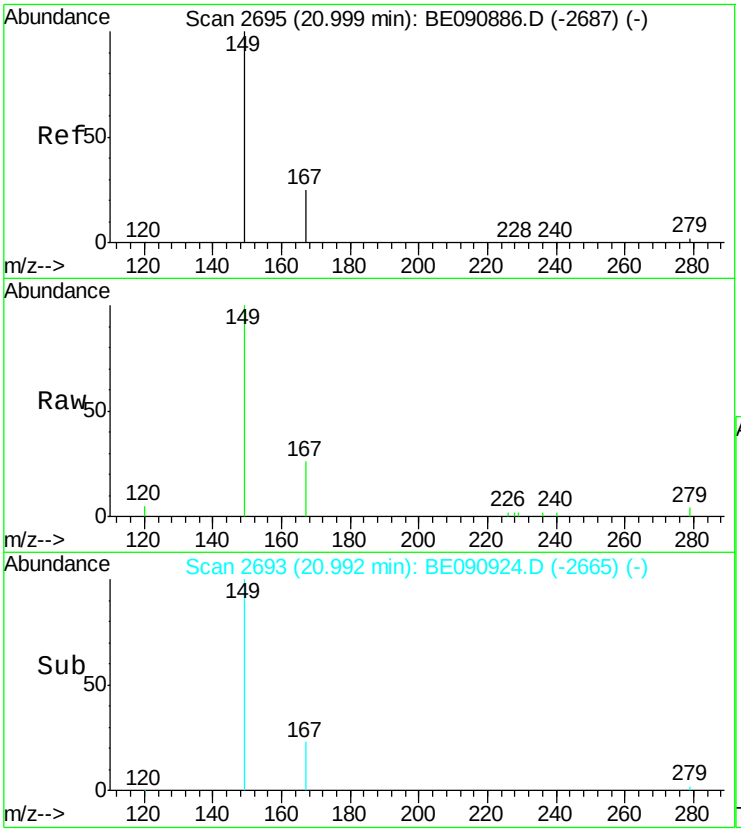


#30
Chrysene
Concen: Below Cal
RT: 21.10 min Scan# 2709
Delta R.T. 0.00 min
Lab File: BE090924.D
Acq: 21 Sep 2015 18:37

Tgt Ion:228 Resp: 463

Ion	Ratio	Lower	Upper
228	100		
226	47.4	24.2	36.4#
229	40.6	15.3	22.9#



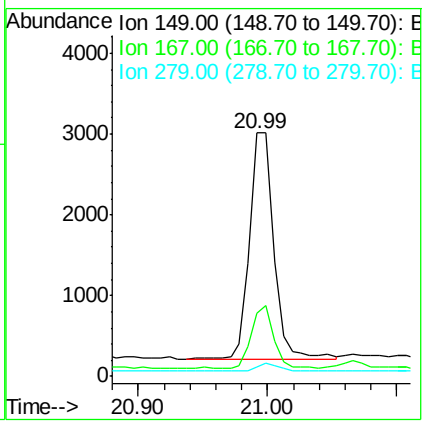


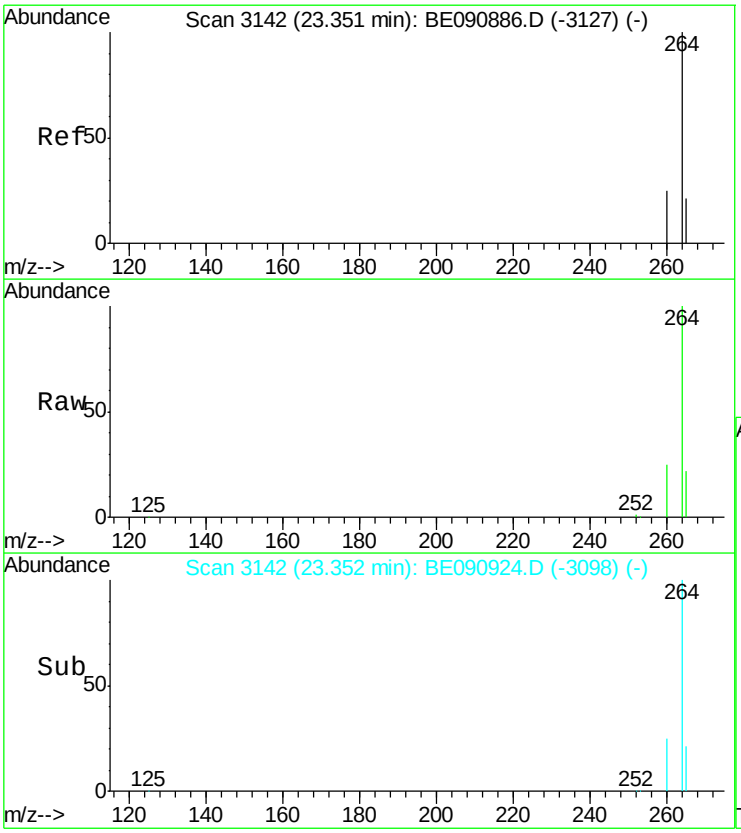
#31
Bis(2-ethylhexyl)phthalate
Concen: 0.32 ng
RT: 20.99 min Scan# 2693
Delta R.T. -0.01 min
Lab File: BE090924.D
Acq: 21 Sep 2015 18:37

Instrument :
BNA_E
ClientSampleId :
091815-D534-E-U-S

Tgt Ion:149 Resp: 3646

Ion	Ratio	Lower	Upper
149	100		
167	25.5	20.1	30.1
279	3.2	2.3	3.5





#33
Perylene-d12
Concen: 5.00 ng
RT: 23.35 min Scan# 3142
Delta R.T. 0.00 min
Lab File: BE090924.D
Acq: 21 Sep 2015 18:37

Tgt Ion:264 Resp: 185532

Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.7	29.5
265	21.9	17.5	26.3